

Manhole Inspection Summary

Manhole # S03KK_002MH

Printed On: 6/24/2010

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **03KK** Node: **002** Status: **Found**

Insp Date: **2/5/08 10:54 AM**

Incomplete Comments

Crew: **TJ ET**
Inspector: **Johnson**
Firm: **URS**

Location Address: **WINDSOR MILL RD (ROW)**

Cross Street: **GWYNNS FALL TRAIL**

Manhole Type: **Inline** Location: **Easement / Right of Way**

Ground Conditions: **Wet**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **MH SEVERELY DETERIORATED, CRACKED AND HEAVY INFILTRATION**

Cover Shape: **Circular**

Diameter: **32** (in.) Length: (in.) Dist A/B Grade: **48** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment ☒ Exists Material: **Brick**

☐ Parged Height: **36** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☒ **Loose Brick** ☒ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☒ **Cracks** ☒ **Mortar** ☐ Roots ☒ **Wall**

Corbel Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel Material: **Brick**

☐ Parged

Shape: **Circular** Diameter: **48** (in.) Length: (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Bench ☒ Exists Material: **Brick**

☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☒ **Leaks** ☐ Debris

Channel Material: **Brick**

☐ Parged

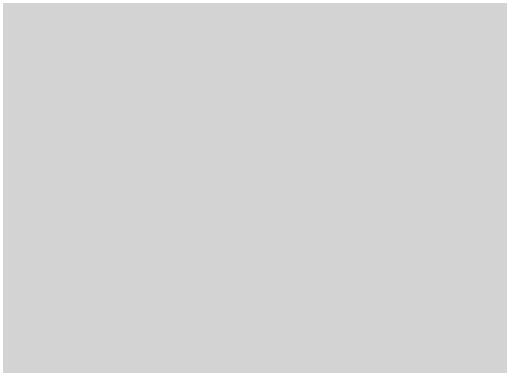
Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☒ **Leaks** ☒ **Debris**

Steps Count: **4** Missing: **0** ☒ **Corroded**

Surcharge ☐ Evidence Of Surcharge Depth: (ft.) ☐ Active Surcharge Present

Location View



DETERIORATED CHIMNEY

CHIMNEY



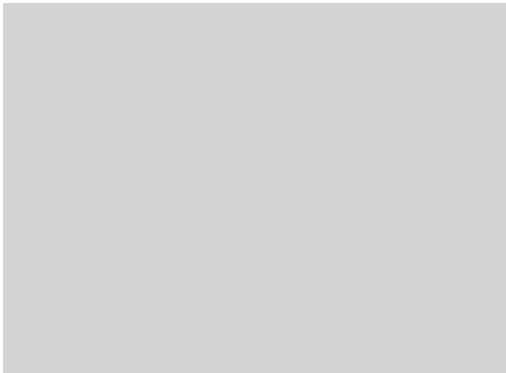
DETERIORATED AND CRACKED

Defect 2



OUTER CONE BROKEN

Top View



BENCH INFILTRATION

Defect 3



CHIMNEY CRACKED

Defect 4



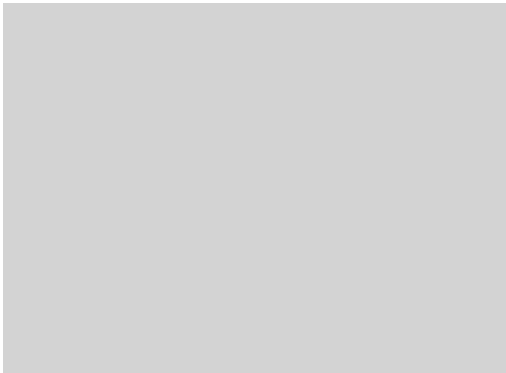
CHIMNEY CRACKED

Defect 6



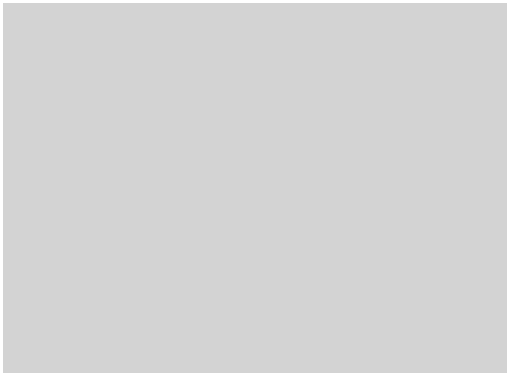
PIPE SEAL INFILTRATION

Defect 7



BENCH/CHANNEL INFILTRATION

Defect 1



BARREL INFILTRATION

Manhole Inspection Summary

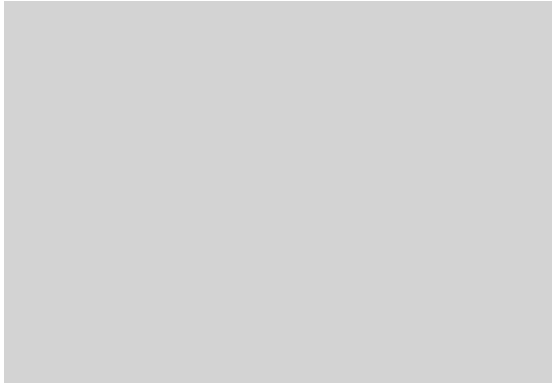
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30 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



PIPE SEAL AND CHANNEL INFILTRATION
DEBRIS IN CHANNEL

Pipe Height: **30** (in.) Rod and Bar (Angled)

Pipe Material: **Concrete** ☐ Pipe Lined

Invert Depth: **9.24** (ft.) Flow Characteristics: **Slow**

Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease

Silt Depth: **3** (in.) Deposits Extent: **Light**

Infiltration: **Evidence** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

30 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



PIPE SEAL AND BENCH INFILTRATION
DEBRIS IN CHANNEL

Pipe Height: **30** (in.) Rod and Bar (Angled)

Pipe Material: **Concrete** ☐ Pipe Lined

Invert Depth: **9.12** (ft.) Flow Characteristics: **Slow**

Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease

Silt Depth: **6** (in.) Deposits Extent: **Medium**

Infiltration: **Evidence** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection